

# FAA-Approved Version 2 ADS-B Out Avionics

as of 03-Jul-2013

\* multiple STC dates; only earliest shown

Surveillance Manufacturer	Model #	Approved Position Source(s)	Aircraft	Approval Date	AML Approved
ITT Exelis / FreeFlight	FDL-978-TXG		VEHICLE	May 2012	Massport
ACSS	XS-950	RCI GLU-925	B767, B747	STC Jan 2012	Yes
Honeywell	XS-852	CMC CMA-4024-1 SBAS	N/A	Jan 2012	No
Trig-Avionics	TT-31	FreeFlight WAAS 1201, Accord Technology NexNav™ Mini GPS unit	Mooney M20B-M20G, M20J & M20K	STC May 2012*	Yes
FreeFlight	FDL-978-TX	FreeFlight WAAS 1201	Agusta Westland 139	STC Jun 2012	No
ACSS	XS-950	RCI GLU-920 (A320), Thales TLS8755-01-0101A/0102B (A330)	A320, A330	STC Jul 2012*	No
Honeywell	ISP-80A.1	Honeywell ADIRU Part#s HG2030BE02, BE03 or BE04	A380	EASA TC Jul 2012	Yes via Production
Trig-Avionics	TT-22	FreeFlight WAAS 1201	King Air C-90A, Aviat/Pitts (aerobatic) S-76C	STC Nov 2012*	No (King Air) Yes (Aviat/Pitts) No (S-76C)

Note: "N/A" indicates equipment has received TSOA, but has not received any other certification



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Garmin	GDL-88 GTX-23 GTX-33x w/ES GTX-330x GTX-3000 (all require appropriate S/W rev)	Garmin GTN 625/635/650, GTN 725/750, GPS 400W, GNC 420W/420AW, GNS 430W/430AW, GPS 500W/530W (w/ or w/o TAWS) (all require appropriate S/W rev)	King Air C-90	STC Dec 2012*	Yes
FreeFlight	FDL-978-TX	FreeFlight WAAS 1201	Cessna 172S	STC Dec 2012	Yes
ACSS	XS-950	RCI GLU-920	A300/MD11	STC Jan 2013	Yes
Honeywell	MRC XPDR w/ADS-B Out	CMC CMA-3024 SBAS GNSSU MK II and CMA-4024 SBAS GNSSU	Agusta Westland 139	EASA TC Feb 2013	Yes via Production
Honeywell	XS-858B Transponder, P/N 7517402- 970	Honeywell GPS module (made by CMC), P/N 245-604067-100 (TSO-C145c /146c)	Gulfstream 450/550	TC amendment Feb 2013	Yes via Aircraft Service Change (ASC)
Rockwell	TDR-94D-550	Universal UNS-1Fw	N/A	April 2013	No

Note: "N/A" indicates equipment has received TSOA, but has not received any other certification



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# FAA-Sponsored Projects that will result in Version 2 ADS-B Out Avionics

Surveillance Manufacturer	Model #	Planned Position Source(s)	Aircraft	Planned STC Availability	Operator
Rockwell	TDR-94D-550	Universal UNS-1Fw	Sikorsky 76/92	S92 STC Q3 2013 S76 STC Q1 2014	PHI
FreeFlight	FDL-978-XVR	FreeFlight WAAS 1201	Bell 206	STC Q3 2013	University of North Dakota
Rockwell	TPR 901-205	RCI GLU 925-001 RCI GLU 925-330	737-700/800/900 (aka "737NG")	Boeing Service Bulletin Q2 2014*	United
FreeFlight	FDL-978-XVR	FreeFlight WAAS 1201 (integrated in box with XVR)	Various	Fixed-wing AML STC Q3 2013 Rotorcraft MML STC Q3 2013	Various (approximately 400 fixed-wing aircraft and rotorcraft; most in Alaska)

\* Boeing has provided United with a Service Bulletin to wire the 737NG avionics bay for ADS-B Version 2; all 737NGs after Line Number 4522 have wiring provisions installed for ADS-B Version 2



# FAA-Approved Version 2 ADS-B In Avionics

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Manufacturer	Model #	Aircraft	STC Date	AML Approved
Honeywell	TPA-100B	B747-400	June 2011	No
Honeywell	TPA-100B	A330/340	Dec 2011*	Yes via Production
ACSS	TCAS3000SP	A330/340	Dec 2011*	Yes via Production
Honeywell	TPA-100B	A318/319/320/321	Feb 2012*	Yes via Production
ACSS	TCAS3000SP	A318/319/320/321	Feb 2012*	Yes via Production
ACSS	TCAS3000SP	B767-300	May 2012	No
Garmin	GDL-88	King Air C-90	Dec 2012	Yes
ACSS	TCAS3000SP	A330	Jan 2013	No

\* Airbus ATSAW (with and without ITP) received EASA approval in May 2011 as TC amendment; all A330/340s produced since Jan 2011 and all A320s produced since mid-2011 are ATSAW/ITP-capable



# FAA-Sponsored Projects that will result in Version 2 ADS-B In Avionics

Manufacturer	Model #	Aircraft	Planned STC Availability	Operator
FreeFlight	FDL-978-XVR	Bell 206	Q3 2013	University of North Dakota
FreeFlight	FDL-978-XVR	Various	Q3 2013	Various (approximately 400 fixed-wing aircraft and rotorcraft; most in Alaska)

